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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : WILUSZ ET AL.
SERIAL NO. : 09/320,609 EXAMINER : S. SIU
FILED : MAY 26, 1999 ART UNIT : 1634
FOR : SYSTEM FOR REPRODUCING AND MODULATING
STABILITY AND TURNOVER OF RNA MOLECULES

TECH CENTER 1600/2900

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC 20231 on October 26, 2000

Michael A. Yamin, Reg. No. 44,414
(Name of Registered Representative)

Betty Schetz 10/26/00
(Signature and Date)

AMENDMENT AND RESPONSE UNDER 37 C.F.R. 1.111

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Dear Sir:

This Amendment and Response is in reply to the non-final Office Action mailed April 26, 2000, due for a response on October 26, 2000, by virtue of the herein-requested three-month extension of time.

IN THE CLAIMS:

Please rewrite claim 1 as follows:

1. (Twice Amended) An *in-vitro* system that recapitulates [capable of recapitulating] regulated RNA deadenylation and degradation of an exogenously-added preselected target RNA sequence comprising
- i) a cytoplasmic [cell] extract supernatant from a 100,000 x g, 1 hour centrifugation isolated from eukaryotic cells or tissues, said extract

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